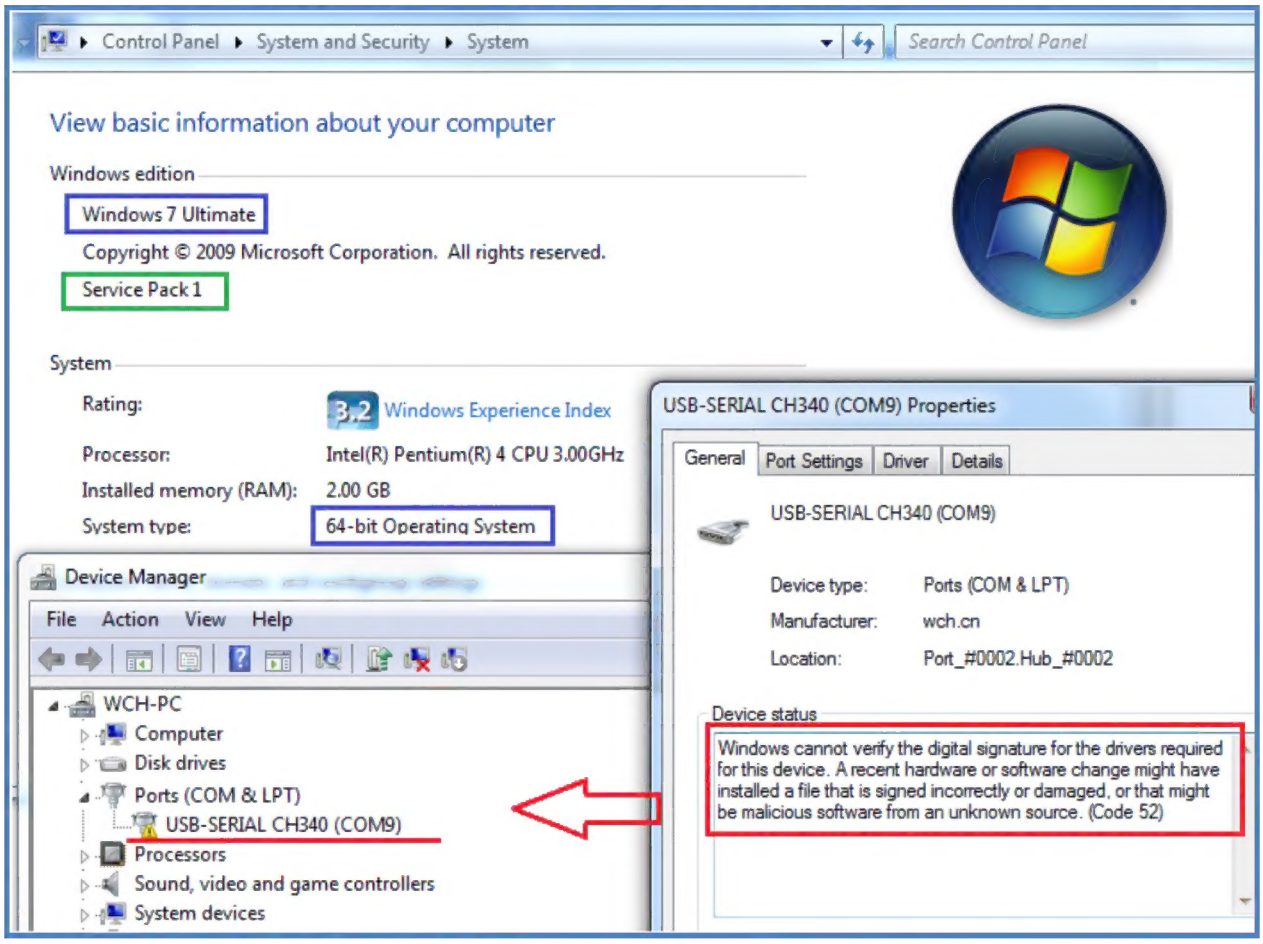
Announcement : New drivers(after August 2018) cannot be installed on some 64-bit Windows 7 Operation Systems

2018-11

Some 64-bit Windows7 Operation systems are unable to install the latest drivers (after August 2018).Yellow exclamation point when viewing Device Manager:


Control Panel ▸ System and Security ▸ System
Search Control Panel
View basic information about your computer
Windows edition
Windows 7 Ultimate
Copyright © 2009 Microsoft Corporation. All rights reserved.
Service Pack 1
System
Rating:
3.2 Windows Experience Index
Processor: Intel(R) Pentium(R) 4 CPU 3.00GHz
Installed memory (RAM): 2.00 GB
System type: 64-bit Operating System
Device Manager
File Action View Help
WCH-PC
Computer
Disk drives
Ports (COM & LPT)
USB-SERIAL CH340 (COM9)
Processors
Sound, video and game controllers
System devices
USB-SERIAL CH340 (COM9) Properties
General Port Settings Driver Details
USB-SERIAL CH340 (COM9)
Device type: Ports (COM & LPT)
Manufacturer: wch.cn
Location: Port_#0002.Hub_#0002
Device status
Windows cannot verify the digital signature for the drivers required for this device. A recent hardware or software change might have installed a file that is signed incorrectly or damaged, or that might be malicious software from an unknown source. (Code 52)

The problem is caused by the unupdatedWindows7, or the Security Update is not installed.

Now, SHA-1 is a legacy cryptographic hash that is no longer secure, Microsoft is weeding out the SHA-1 certificate and migration to SHA-2, also to warn consumers about the risk of using a SHA-1 certificate. All digital certificates of drivers after August 2018, have been added the sha-2 (SHA256) algorithm, resulting some unupdated Windows 7 do not recognize sha-2certificate.

SeeMicrosoft Security Advisory 3033929 :

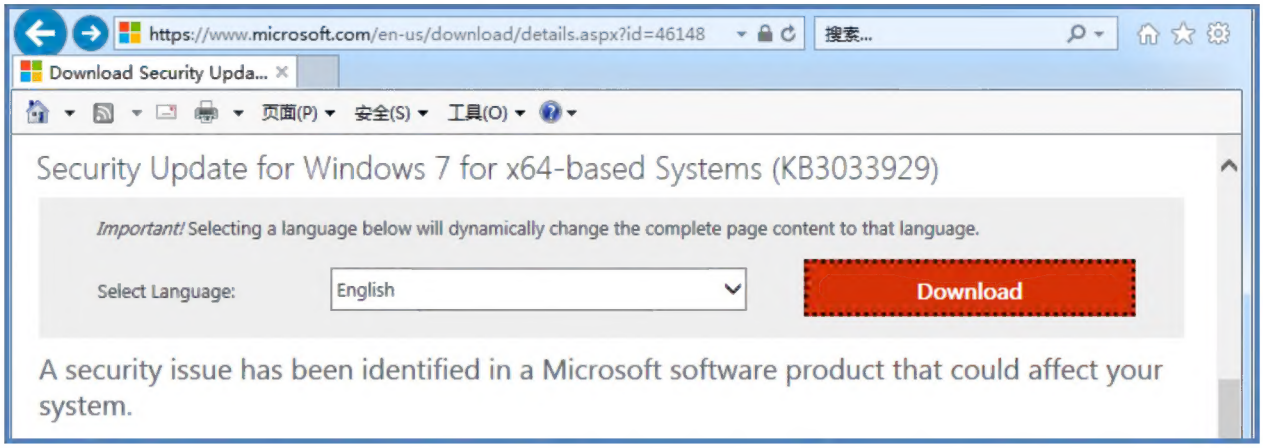
<Availability of SHA-2 code signing support for Windows 7 and Windows Server 2008 R2: March 10, 2015>:

https://support.microsoft.com/en-us/help/3033929/microsoft-security-advisory-availability-of-sha-2-code-signing-support

After download and installthe SecurityUpdate, new driverswillbe installed successfully.

Security Update for Windows 7 for x64-based Systems (KB3033929) :

https://www.microsoft.com/en-us/download/details.aspx?id=46148


https://www.microsoft.com/en-us/download/details.aspx?id=46148
搜索...
Download Security Upda...
页面(P)
安全(S)
工具(O)
Security Update for Windows 7 for x64-based Systems (KB3033929)
Important! Selecting a language below will dynamically change the complete page content to that language.
Select Language:
English
Download
A security issue has been identified in a Microsoft software product that could affect your system.

After the Security Update is installed, 64-bit Windows 7 will directly install the new drivers successfully.

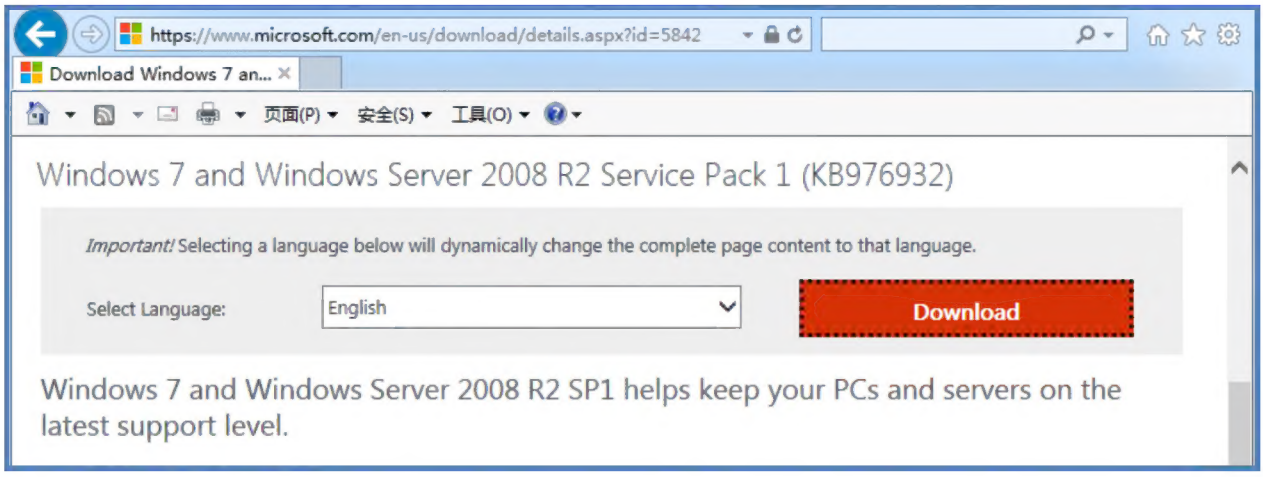
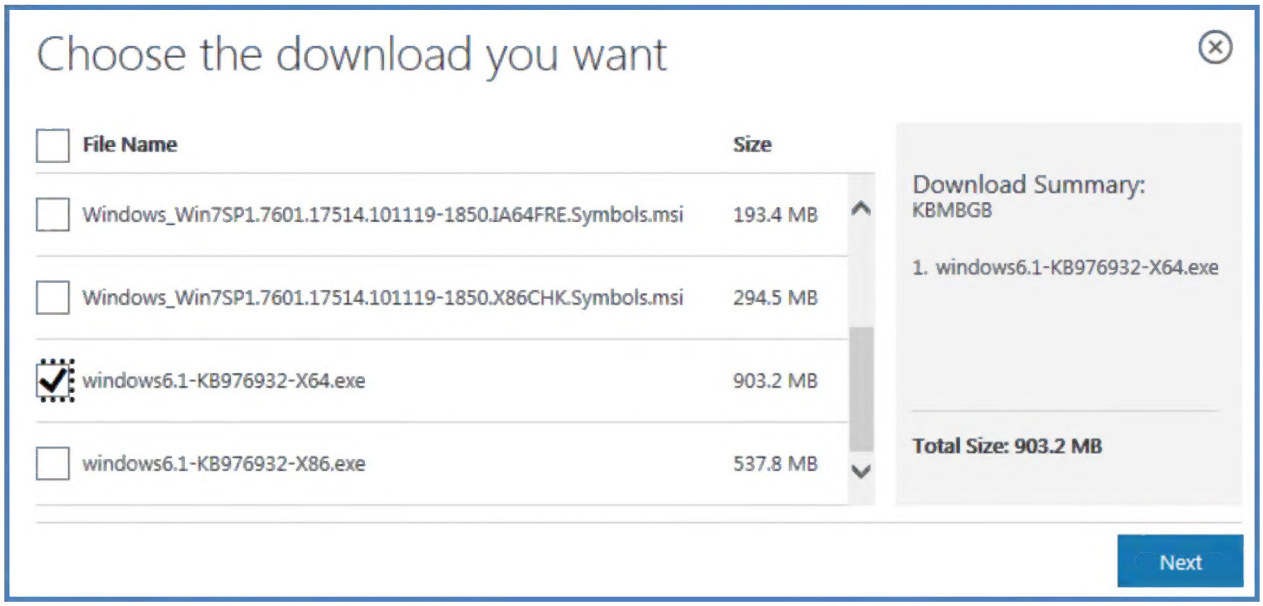
//

Windows 7 but not SP1 look at here:

SecurityUpdate (KB3033929) is used for Windows7 **SP1**(Service Pack 1),If your Operation System is Windows 7, it mast be upgrade to Windows 7 SP1 first.

Windows 7 and Windows Server 2008 R2 Service Pack 1 (KB976932):

https://www.microsoft.com/en-us/download/details.aspx?id=5842


https://www.microsoft.com/en-us/download/details.aspx?id=5842
Download Windows 7 an...
页面(P)
安全(S)
工具(O)
Windows 7 and Windows Server 2008 R2 Service Pack 1 (KB976932)
Important! Selecting a language below will dynamically change the complete page content to that language.
Select Language:
English
Download
Windows 7 and Windows Server 2008 R2 SP1 helps keep your PCs and servers on the latest support level.